

Interreg



Co-funded by
the European Union

North-West Europe

AlgaeVALOR

Transforming seaweed side streams into new opportunities

In the North-West Europe area, side streams of seaweed that once went to waste are now being transformed into valuable resources.

By using both brown and green seaweed, the AlgaeVALOR project develops new applications such as eco-friendly paint pigments and sustainable building materials. The aim is to fully valorise seaweed, thus promoting a circular approach to resource management and building a business case where nothing is wasted.

Lead partner:

North Sea Farmers (NL)



algaevalor.nweurope.eu

Photo ©: AlgaeVALOR



Interreg



Co-funded by
the European Union

North-West Europe

ASSET

The Eurodelta Alliance: a circular built future for NWE

Across the EuroDelta, regions face the same struggle: rapid economic growth has strained resources and ecosystems. During the ASSET final conference, project partners committed themselves to the EuroDelta Alliance in the presence of urban practitioners, researchers, students, businesses and NGOs.

Their shared vision: a prosperous, fair and sustainable Europe. Their shared goal: helping to restore the natural system of the Rhine-Meuse-Schelde Delta by strategically working together on the development of a circular built environment.

Lead partner:

City of Amsterdam (NL)



asset.nweurope.eu

Photo ©: ASSET



Interreg



Co-funded by
the European Union

North-West Europe

BIOBOOST-PRO

From waste to taste: sustainable soil-less cultivation

Livestock farmers and greenhouse producers are searching for ways to recycle manure and reduce reliance on petrochemical fertilisers. In BIOBOOST-PRO, researchers and farmers test biaponics – growing crops with nutrients made from processed animal manure.

The project shows that plants thrive with this circular fertiliser and proves that high-quality food can be grown while cutting emissions and closing nutrient loops – important insights feeding into the project's transnational strategy for petrochemical fertiliser substitution.

Lead partner:

University of Liege (BE)



bioboost-pro.nweurope.eu

Photo ©: BIOBOOST-PRO



Interreg



Co-funded by
the European Union

North-West Europe

CASCADE

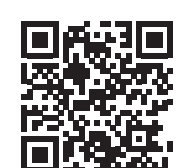
A tiny house for big change: communities discover biochar solutions

On a sunny afternoon, visitors explore the CASCADE tiny house, curious about the objects and stories presented in the hybrid exhibition.

Here, citizens, researchers, and practitioners come together to learn how everyday waste materials like branches, grass cuttings or garden waste are given a second life through biochar. The exhibition invites people to imagine new possibilities: how small actions in local communities can spark bigger changes for our climate and build a sustainable future.

Lead partner:

University of Kassel (DE)



cascade.nweurope.eu

Photo ©: CASCADE



Interreg



Co-funded by
the European Union

North-West Europe

Circular Building Convert

Transforming buildings, awakening local life

Across North-West Europe, many buildings stand empty and underused while people struggle to find a home. Circular Building Convert turns this challenge into an opportunity by transforming vacant urban spaces into affordable, sustainable places to live.

By reusing what already exists, it brings life back to neglected sites and helps communities grow, connect, and thrive. In short, the project goes beyond rethinking the lifecycle of buildings: it reshapes the value chain of the existing stock, while breathing new life into the territories.

Lead partner:

Lille Metropolis Housing
Organisation (FR)



circularbuildingconvert.nweurope.eu

Photo ©: Circular Building Convert



Interreg



Co-funded by
the European Union

North-West Europe

CIRCULAR RENO

From cold to bold: pioneering in circular social housing retrofit

In Clonygowan, a social housing tenant once lived in a cold, drafty home with high energy bills and poor comfort. Like much of Ireland's aging housing stock, it reflected the dual crisis of inefficient homes and rising energy costs.

Through Ireland's first circular retrofit pilot, the house was upgraded with prefabricated low-carbon wall panels, hemp insulation, solar panels, and a heat pump. In weeks, it improved its energy rating, cutting CO₂ by 42%, lowering bills, boosting comfort, and showing a scalable model for social housing.

Lead partner:

Global EnergieSprong Alliance (NL)



circularreno.nweurope.eu

Photo ©: CIRCULAR RENO



Interreg



Co-funded by
the European Union

North-West Europe

CIRCULAR SHIFT

Systemic change in the circular procurement of ICT and workwear

Imagine a world where circular procurement for everyday items like phones, laptops, and workwear is widespread.

CIRCULAR SHIFT works to remove barriers to the wider adoption of circular procurement and aims to involve the whole value chain and all procuring organisations to create circular business models and steer the market towards circular procurement. The project will test and guide organisations in adopting circular approaches across the entire procurement process.

Lead partner:

Ministry of Infrastructure and
Water management (NL)



circularshift.nweurope.eu

Photo ©: CIRCULAR SHIFT



Interreg



Co-funded by
the European Union

North-West Europe

CUF training

Building tomorrow's agriculture in cities

How can cities grow food sustainably?
The CUF training project empowers urban
development stakeholders with the necessary
knowledge and skills to embrace circular
urban farms.

Combining online courses with hands-on
workshops in Belgium, Luxembourg, France,
and Germany, participants explored methods
of food production specifically tailored for
urban environments. The trainings connect
people, ideas, and practical solutions for
sustainable urban agriculture.

Lead partner:

Groupe One (BE)



cuftraining.nweurope.eu

Photo ©: CUF training



Interreg



Co-funded by
the European Union

North-West Europe

E6

Making repair, re-use and refurbishment of electronics as easy as buying new

Have you ever wondered why repairing has become harder than buying new? Most products' life-cycles are becoming shorter and repair services can be costly or hard to access. As a result, electronic waste keeps growing in North-West Europe.

Based on the conviction that systemic change is needed, the E6 project pilots repair, re-use and refurbishment (RRR) solutions to increase regional capacity. The partnership also develops circular tools that will increase low-threshold support for and with citizens. Prepare yourself for the RRRevolution!

Lead partner:

Saxion University of
Applied Sciences (NL)



e6.nweurope.eu

Photo ©: E6



Interreg



Co-funded by
the European Union

North-West Europe

ECHT

Paving the way for chemicals traceability for circular textiles

Most fashion brands don't know which chemicals are used in their textiles – the information gets lost across global supply chains. In view of the industry's high waste generation and low recycling rates, this poses an extra challenge.

The ECHT project brings together industry, NGOs, policymakers and researchers to shape a shared vision for full chemicals traceability by 2040 and create practical tools, including a learning platform and a simulation game, helping the industry build capacity across sectors for cleaner, safer and recyclable textiles.

Lead partner:

Hochschule Darmstadt -
University of Applied Sciences (DE)



echt.nweurope.eu

Photo ©: ECHT



Interreg



Co-funded by
the European Union

North-West Europe

ECOPRO

Plant-based colours transforming plastic sustainability

This food tray is more than it seems: it's a prototype coloured with ECOPRO's safe, plant-based pigments. Unlike synthetic colours that pollute during recycling or composting, these alternatives can break down with biodegradable materials or be removed during recycling.

The food tray prototype proved the bio-based, degradable colourants are durable, lasting two years in sunlight without stabilisers. With strong public support and valuable insights, ECOPRO is moving closer to market readiness.

Lead partner:

Technological University of the
Shannon: Midlands Midwest (IE)



ecopro.nweurope.eu



Photo ©: ECOPRO

Interreg



Co-funded by
the European Union

North-West Europe

Hemp4Circularity

Hemp: bridging fields, factories and fashion

These fabrics tell the journey of hemp: from fields where growers test a sustainable yet challenging crop, to workshops where weavers and brands explore its potential.

At every stage, hemp requires new knowledge and adaptations – from cultivation practices to machine settings. These fabrics embody both the challenges and the breakthroughs of bringing long hemp fibre back into Europe's textile chain. Today, these colours show how hemp can bridge growers, makers and consumers, weaving a local and circular future for textiles.

Lead partner:

ValBiom (BE)



hemp4circularity.nweurope.eu

Photo ©: Hemp4Circularity



Interreg



Co-funded by
the European Union

North-West Europe

PREUSE

Where material matters: developing reuse centres

Did you know that less than 1% of building components in the EU are reused?

To tackle this issue, the PREUSE project supports public authorities in developing reuse centres – dedicated spaces for storing and processing materials.

The first step is an accurate field study documenting the operations of 18 existing reuse centres, including the City of Paris' roadworks materials reuse centre. This data will guide the setup of future centres, including the project's three pilot reuse centres in Utrecht, Roubaix, and Lorient.

Lead partner:

Rotor (BE)



preuse.nweurope.eu

Photo ©: PREUSE



Interreg



Co-funded by
the European Union

North-West Europe

ReNu2Cycle

From soil to society: creating sustainable fertiliser cycles

On farms across North-West Europe, farmers, researchers and local stakeholders team up in ReNu2Cycle's living labs. Together they test recycling-derived fertilisers made from organic waste, turning science into real farming practice.

By trying these solutions directly in the field, the project helps secure affordable fertilisers, reduce emissions and water pollution, and support sustainable food systems.

Lead partner:

IZES (DE)



renu2cycle.nweurope.eu

Photo ©: ReNu2Cycle

